Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 30 Jun 2021 until 23:59 on Thursday 01 Jul 2021

Forecast Issued on Tuesday 29 Jun 2021 at 11:01

Confidence: High for the general theme of murky mornings, followed by mainly dry afternoons with some sunny spells. Only moderate for details on cloud amounts and levels, however, and also for the risk of any drizzle or showers. Confidence falling to low by the weekend, with cloud and showers making uncertain progress north and eastwards across the UK.

Headline for Wednesday 30 Jun 2021: Cloudy start, especially east, with summits obscured. Cloud lifting to warm sunny spells later.

Mountain weather hazards on Wednesday 30 Jun 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Dull	Dull	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	<05%	<05%	<05%	00%	00%

Forecast for Wednesday 30 Jun 2021

Weather: Murky start, with cloud obscuring eastern summits around dawn, although western areas starting brighter. Cloud lifting and breaking during the morning to give some good spells of sunshine by the afternoon. Clear spells likely persisting through the evening.

Chance of cloud free mountain/hill tops above 600m: 20% in the east at first and 60% in west, improving to 70% for all by midday and over 90% by mid-afternoon.

Visibility: Poor in the east at first, with extensive cloud at 400m. Cloud more broken at 500m in the west. This cloud gradually lifting and clearing from summits during the morning and early afternoon to give some good views, with distant hills visible

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Forecast for Wednesday 30 Jun 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/19 NE	15/19 NE	16/21 NE	13/18 NE	11/17 NE	10/16 NE	11/16 NE	11/16 NE	9/12 NE
300	10/14 NE	8/13 NE	9/13 NE	9/14 NE	9/14 NE	8/13 NE	9/14 NE	6/12 E	4/7 NE
Valley	5/12 E	3/9 E	3/9 N	6/12 NE	6/12 NE	6/12 NE	8/15 E	7/16 E	4/9 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	8/5	8/5	9/6	11/9	13/11	13/11	10/8	9/6
300	12/10	11/9	11/9	12/10	14/13	16/15	16/14	13/12	11/10
Valley	13/12	11/11	12/12	14/13	16/16	18/18	18/16	14/13	12/12
Freezing Level*	2600m	2400m	2200m	2100m	2100m	2100m	2100m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A murky and poor start for some areas, but conditions will improve later. Sun protection will be needed for those out during the afternoon, despite the cloudy start.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 29 Jun 2021	N/A	N/A	N/A

Forecast for Thursday 01 Jul 2021

Weather: Low cloud spreading southwest during the early hours will lead to another murky morning for eastern parts with hilltops obscured. Although clear spells possible in the west. Mainly dry, however the odd spot of drizzle cannot be ruled out. Cloud then breaking and lifting by the afternoon, to give some warm sunny spells.

Maximum wind: Northeasterly 15-20mph

Chance of cloud free mountain/hill tops above 600m: 20% across eastern parts through the morning, and 60% in the west. Improving by the afternoon to 80% for all.

Visibility: Poor at first, mainly across eastern hills, with cloud above 400m. This lifting and clearing from hills through the day, but the odd patch lingering above 600m. Some good views likely as cloud clears.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 19 Celsius
At 600m: Plus 8 Celsius rising to Plus 15 Celsius
Freezing level: Above the summits.

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